AMENDMENTS TO THE SPECIFICATION:

Please replace paragraphs [0007] and [0024] with the following replacement paragraphs, respectively:

[0007] Another embodiment of the present invention relates to a device to generate a profile for a cutting tool. The device includes a base and a chuck. The base includes a top surface. The chuck includes a bore to detachably secure the cutting tool, a first angled surface to mate with the top surface, and a second angled surface to mate with the top surface. Mating the first angled surface and the top surface disposes the cutting tool at a first incident angle. Mating the second angled surface and the top surface disposes the cutting tool at a second incident angle. In addition, the chuck is rotatably secured to the base.

[0024] As shown in FIG. 3, the edge 16 is generated by the intersection of two surfaces 32 and 34. These surfaces 32 and 34 are at an angle E relative to one another and at respective angles F and G relative to the axial line A. In addition, the surfaces 32 and 34 are curved or cambered. This curvature in combination with the angles F and G are configured in a manner so as to generate the profile of the edge 16 as described herein. The curvature of the surface ~~34~~ <u>32</u> is illustrated in FIG. 4. According to an embodiment, when viewed edge-on, the surface ~~34~~ <u>32</u> includes a plurality of substantially straight portions 36 and 38 and a curved portion 40. The straight portions 36 and 38 are at respective angles H and J relative to a line tangent to the curved portion 40. In a substantially smooth manner, the curved portion 40 transitions the surface ~~34~~ <u>32</u> from the angle H to the angle J. In a particular embodiment the angle H is 7.2°, the angle J is 7.2°, and the curved portion 40 is at a radius of 0.171 inches. However, in various other embodiments, the angles H and/or J, and/or the curved portion 40 may be different. In general, the angles H and J are configured to generate the angles B, C, and D thus, based the those factors discussed herein with reference to the angles B, C, and D, the angle H and J are configured accordingly. Also, the curved portion 40 is configured to generate the curved portion

Application No. 10/809,698
Docket No. 5165.1460
Customer No.: 66060

Special Examination Procedures
Amendment After Final
Patent

26 and thus, based the those factors discussed herein with reference to the curved portion 26, the curved portion 40 is configured accordingly.